Improvements to roads and drains of BB Nagara in ward no. 8 kodigehalli

EMB

First and Part Bill

Measurement Sheet

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

FIRST AND PART BILL

Name Of Work	Improvements to roads and drains of BB Nagara in ward no. 8 kodigehalli
Estimated Cost	Rs. 75.00 Lakhs
Job Number	008-20-000002
Head of Account	P3727 SC-SP/TSP Mukyamantrigala Nava Bengaluru Yojane
Name Of Agency	Executive Engineer, Karnataka Rural Infrastructure development Ltd,
Ref No	BBMP/EE/BTP/WO/156/2019-20
Measurements Recorded on :	30-12-2020

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate RS.	Amount RS.
Item No.37		Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications .complete as per specifications and as per the directions of the Engineer-in-charge of the work								
			Cum							
		Vide Total executed Quantity from premeasuremet Page no. 1						61.36		
							TOTAL	61.36	189.74	11642.00
Item No.38		Providing and filling in foundation with granite / trap broken metal 100mm, and downsize and with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all leaed and lift.,, complete as per specifications and as per the directions of the Engineer-in-charge of the work								
			Cum							
		Vide Total executed Quantity from premeasuremet Page no. 2						12.27		31592.00
							TOTAL	12.27	2574.74	31596.00
Item No.39		Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs using 40mm and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work								
			Cum							
		Vide Total executed Quantity from premeasuremet Page no. 3						12.27		66358.00
							TOTAL	12.27	5408.12	66366.00
Item No.40		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work								
			Sqm							
		Vide Total executed Quantity from premeasuremet Page no. 4						357.60		
							TOTAL	357.60	379.48	135703.00

Contractor

PRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate RS.	Amount RS.
Item No.41		Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work								
			Tonne							
		Vide Total executed Quantity from premeasuremet Page no. 5						2.34		176098.00
							TOTAL	2.34	75255.76	176231.00
Item No.42		Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		Bottom Raft								
		Hebbala Sarovara Layout								
		Main Road								
		LHS								
0	15		Cum	1	15.00	0.90	0.15	2.03		
15	30		Cum	1	15.00	0.90	0.15	2.03		
30	45		Cum	1	15.00	0.90	0.15	2.03		
45	60		Cum	1	15.00	0.90	0.15	2.03		
60	75		Cum	1	15.00	0.90	0.15	2.03		
75	90.9		Cum	1	15.90	0.90	0.15	2.15		
		Side Wall								
		Hebbala Sarovara Layout								
		Main Road								
		LHS								
0	15		Cum	2	15.00	0.15	0.90	4.05		
15	30		Cum	2	15.00	0.15	1.00	4.50		
30	45		Cum	2	15.00	0.15	1.00	4.50		
45	60		Cum	2	15.00	0.15	1.00	4.50		
60	75		Cum	2	15.00	0.15	1.00	4.50		
75	90.9		Cum	2	15.90	0.15	1.00	4.77		
							TOTAL	39.09	5770.64	225583.00
Item No.43		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,complete as per specifications and as per the directions of the Engineer-in-charge of the work								
		Hebbala Sarovara Layout								
		LHS								
0	15		Sqm	1	15.00	0.90		13.50		
15	30		Sqm	1	15.00	0.90		13.50		
30	45		Sqm	1	15.00	0.90		13.50		
45	60		Sqm	1	15.00	0.90		13.50		
60	75		Sqm	1	15.00	0.90		13.50		
75	90.9		Sqm	1	15.90	0.90		14.31		
							TOTAL	81.81	2337.00	191190.00

Executive Engr.

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

Contractor

Assistant Executive Engineer
R.R. Nagar Sub-division,
KRIDL, BBMP, Bangalore

PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate RS.	Amount RS.
Item No.49		Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km complete as per specifications and as per the directions of the Engineer-in-charge of the work								
			Cum							
		Vide Total executed Quantity from premeasuremet Page no. 6						52.15		
							TOTAL	52.15	87.56	4567.00
		842733.00							Total	842878.00
		33709.32							Add 12% GST for Only PWD SR 2018-19 items	101145.36
		101127.96							Add 4% KRIDL Charges	33715.12
		977570.28							Grand Total	977738.48

Round off: 977500/-

PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Contractor PMC Assistant Engineer Assistant Executive Engineer